

**REMARKS:**

Claims 1-8 are presented for examination, with claim 1 having been amended hereby.

Notice is taken that claims 3-6 are indicated (at page 11 of the August 22, 2008 office Action) as reciting allowable subject matter.

Reconsideration is respectfully requested of the objection to the disclosure because of the informality noted by the Examiner.

The Examiner states at page 3 of the August 22, 2008 Office Action the following:

- The disclosure is objected to because of the following informalities: Pg. 2 lines 1 recites ‘RX+’ in line 6. ‘RX+’ should be changed to ‘TX+’.

The specification has been reviewed, and it appears that the change suggested by the Examiner is not located at page 2.

If the Examiner would clarify where the suggested change may be found, applicant will address the issue.

Therefore, it is respectfully submitted that the objection to the disclosure because of the informality noted by the Examiner has been rendered moot.

Reconsideration is respectfully requested of the objection to the abstract of the disclosure.

The abstract of the disclosure has been amended hereby along the lines suggested by the Examiner. More particularly, the abstract of the disclosure has amended hereby by correcting various grammatical errors.

Therefore, it is respectfully submitted that the objection to the abstract of the disclosure has been overcome.

Reconsideration is respectfully requested of the rejection of claims 1, 2, 7 and 8 under 35 U.S.C. 103(a) as allegedly being unpatentable over U.S. Patent 5,646,377 (hereinafter “Oda”), in view of U.S. Patent 6,476,799 (hereinafter “Lee et al.”).

It is respectfully submitted that applicant does not concur with the Examiner in the Examiner’s analysis of the claims of the present application and the Oda and Lee et al. references.

For example, it had been argued in the previous Amendment (i.e., the Amendment In Connection With Continued Examination filed May 23, 2008) that, as best understood, in each of the Oda and Lee et al. references the frequency of the transmitted electromagnetic waves are equal to the frequency of the resonant signals (under which conditions, it is believed, interference may occur if both transmission and reception are continuous).

Nevertheless, in order to expedite prosecution of the present application, independent claim 1 (the sole pending independent claim) has been amended hereby to more clearly distinguish over the Oda and Lee et al. references.

For example, claim 1 now recites the feature directed to:

- “the frequency of the resonant signal is different from the frequency of the transmitted electromagnetic waves”

**It is believed, as the cited references are best understood, that this claim amendment regarding the frequency of the resonant signal being different from the frequency of the transmitted electromagnetic waves more clearly distinguishes over the cited references.**

**In this regard, see, e.g., in particular page 3 of the August 22, 2008 Office Action at which the Examiner discusses applicant’s position regarding what are believed to be the equal frequencies of Lee et al.**

Therefore, it is respectfully submitted that the rejection of claims 1, 2, 7 and 8 under 35 U.S.C. 103(a) as allegedly being unpatentable over Oda in view of Lee et al. has been overcome.

Finally, support for the amendment to claim 1 regarding the frequency of the resonant signal being different from the frequency of the transmitted electromagnetic waves may be found at page 4, lines 18-20 (“A waveform of a transmitted electromagnetic wave according to the present invention is shown in Figure 2, wherein its cycle is of odd times of a resonance cycle determined by the inductors and capacitors in the pen.” (emphasis added)).

Favorable reconsideration is earnestly solicited.

Respectfully submitted,  
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